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VIA FACSIMILE

ATTENTION: Examiner Padgett
GROUP ART UNIT: 1762
FIRM/CO. NAME: United States Patent and Trademark Office
APPLICATION NO: 09/545,110
FAX NO: (703) 872-9306
FROM: Ashok K. Janah
DATE: August 18, 2004
AMAT REFERENCE NO: 003117 USA/ETCH/SILICON/JB1

OFFICIAL

TOTAL NUMBER OF PAGES 16 (INCLUDING COVER PAGE)

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BUSINESS PHONE: (415) 538-1555 FACSIMILE NO: (415) 538-8380

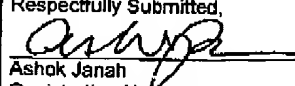

MESSAGE:

Examiner,
Attached is an Amendment filed under 37 CFR 1.312 in response to the Notice of Allowance and Fee(s) Due mailed on May 20, 2004. This amendment is being filed prior to the payment of the issue fee.

Thank you,
Hilde Susan Jaegtnes

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Lill et al. Application No.: 09/545,110 Confirmation No.: 9276 Filing Date: April 6, 2000 Title: IMPROVED SUBSTRATE MONITORING METHOD AND APPARATUS		Group Art Unit: 1762 Examiner: Marianne L. Padgett Attorney Docket No.: 00311 / USA/ETCH/SILICON/JB1 August 18, 2004 San Francisco, CA 94107			
VIA FACSIMILE: (703) 872-9306 Commissioner for Patents		Extension of Term <input type="checkbox"/> Applicant petitions for an extension of time under 37 C.F.R. 1.136			
Papers Enclosed <input checked="" type="checkbox"/> Amendment under 37 CFR 1.312 <input type="checkbox"/> 0 Drawings <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO-1449 Form <input type="checkbox"/> Citations <input type="checkbox"/> Declaration/Affidavit <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Postcard for Return <input type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/>		Extension (Months) <input type="checkbox"/> One Month <input type="checkbox"/> Two Months <input type="checkbox"/> Three Months	Extension Fee \$110 \$420 \$950 Total \$ 0.00		
Fees for Extra Claims Amendment Fee Calculation					
	Claims remaining after amendment	Highest Number Previously Paid for	Number Extra	Rate Large Entity	Additional Fee
Total Claims	40	106	0	\$18.00	0
Independent Claims	12	30	0	\$86.00	0
Multiple Dependent Claims				\$290.00	0
Supplemental Information Disclosure Statement				\$180.00	0
Total					0
Fee Payment Extension Fees \$0.00 Fees for Extra Claims \$0.00 Total \$0.00		Fee Deficiency <input checked="" type="checkbox"/> If any additional extension and/or fee is required, please charge Deposit Account No. 10-0258 and/or <input checked="" type="checkbox"/> If any additional fee for claims is required, please charge Deposit Account No. 10-0258			
<input type="checkbox"/> Attached is check no. _____ in the sum of \$0.00. <input type="checkbox"/> Please charge Deposit Account No. 10-0258 in the sum of \$0.		Please direct all telephone calls to: Ashok K. Janah at (415) 538-1555 Please continue to send correspondence to: Patent Department, M/S 2061 Applied Materials, Inc. P.O. Box 450A Santa Clara, CA 95052			
Certificate of Transmission I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at Fax No. (703) 872-9306 on the date shown below.		Respectfully Submitted,  Ashok Janah Registration No. 37,487			
By  Date August 18, 2004 Heidi Susan Jaegtnes		Date August 18, 2004			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Lill et al.	Group Art Unit: 1762
Application No.: 09/545,110	Examiner: Marianne L. Padgett
Confirmation No.: 9276	Attorney Docket No.: 003117 USA/ETCH/SILICON/JB1
Filing Date: April 6, 2000	August 18, 2004 San Francisco, California
Title: IMPROVED SUBSTRATE MONITORING METHOD AND APPARATUS	

AMENDMENT UNDER 37 C.F.R. § 1.312

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Commissioner for Patents

Examiner Padgett:

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By: 

Hilda Susan Jaegle

Date: August 18, 2004